

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12 9	20	"5695359"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:18
S9	1	"09/894085"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:22
S13 1	325	348/229.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:29
S13 2	158	348/280.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:31
S13 3	497	348/362.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:31
S13 0	1065	348/222.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:32
S13 4	244	348/364.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:32
S13 5	698	348/241.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:32
S13 6	134	348/222.1.ccls. and clip\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:37
S13 7	1	"00202262.2"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:38
S13 8	250	jaspers.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:38
S13 9	3	jaspers.in. and clipping	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:38
S14 0	8	jaspers and clipping	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:39
S14 1	79	jaspers	EPO	OR	OFF	2006/05/18 08:39
S14 2	10	jaspers and color	EPO	OR	OFF	2006/05/18 08:41

EAST Search History

S14 3	161	jaspers and processing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:41
S14 4	0	WO0203711	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:51
S14 5	1	"9904555"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:51
S14 6	1	"5712680".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:51
S14 7	1	"5552827".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:53
S14 8	1	"0203711"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:54
S14 9	596	(color adj image adj pickup adj device).ti.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:54
S15 0	65	(color adj image adj pickup adj device).ti. and signal adj processing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 08:55
S15 1	440	"348"/\$6 and clip\$4 and reconstruct\$4 and ((R and G and B)(red and green and blue)) and color\$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/18 10:14
L1	42	jaspers near3 cornelis	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/25 08:21
S1	34	jaspers near3 cornelis	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/25 08:21
L2	42	(jaspers near3 cornelis).in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/25 09:11
L3	0	"98190989"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/25 09:11
L4	1	"2000013808"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/25 09:11

Vieaux, Gary

From: STIC-EIC2600@uspto.gov
Sent: Thursday, May 18, 2006 10:37 AM
To: Vieaux, Gary
Subject: Database Search Request Confirmation, Serial Number: 09/894,085

Examiner GARY VIEAUX:

This is a machine-generated confirmation email to let you know that your search request has been sent to EIC TC2600.

Searches are processed in the order in which they are received. Upon receiving your request, a searcher will contact you to discuss your search. You will be notified again when your search is completed. At that time, you may pick up your search in the EIC. If you prefer, the search will be delivered directly to your office. Deliveries are made twice a day, once in the midmorning and again in the afternoon.

If you have any immediate questions you can contact us at 571-272-2520.

Thank you very much for using the EIC. The text of your request is below.

Your name: **GARY VIEAUX**

Email address: **GARY.VIEAUX@USPTO.GOV**

Employee number: **80273**

Art Unit: **GROUP ART UNIT 2622**

Office Location: **KNX 06D28**

Phone Number: **(571)272-7318**

Maibox Number:

Case serial number: **09/894,085**

Class / Subclass(es): **348/222, 280, 364, 241, 242, 273**

Earliest Priority Filing Date: **6/28/2001**

Format preferred for results: **E-mail**

Search Topic Information:

The primary concept involves the clipping of individually reconstructed color signals for the purpose of detecting loss of image information and avoiding undesirable artifacts. Claim 1- a signal processing device comprising a reconstruction unit for generating a plurality of color signal values (R, G, B) for each pixel from the sensor output signal and a clipping device for clipping the sensor output signal or the plurality of color signal values (R, G, B), wherein the clipping device detects whether or not each of the reconstructed color signal values exceeds a predetermined threshold clip level below the maximum sensitivity of the sensor.

Special Instructions and Other Comments:

Best times to contact = between 5:30am and 2:30pm.

SERIAL 09894085

SCI-TECH FILES

- File 2:INSPEC 1898-2006/May W2
(c) 2006 Institution of Electrical Engineers
- File 6:NTIS 1964-2006/May W2
(c) 2006 NTIS, Intl Cpyrgh All Rights Res
- File 8:Ei Compendex(R) 1970-2006/May W1
(c) 2006 Elsevier Eng. Info. Inc.
- File 34:SciSearch(R) Cited Ref Sci 1990-2006/May W3
(c) 2006 Inst for Sci Info
- File 35:Dissertation Abs Online 1861-2006/Apr
(c) 2006 ProQuest Info&Learning
- File 56:Computer and Information Systems Abstracts 1966-2006/May
(c) 2006 CSA.
- File 57:Electronics & Communications Abstracts 1966-2006/May
(c) 2006 CSA.
- File 65:Inside Conferences 1993-2006/May 24
(c) 2006 BLDSC all rts. reserv.
- File 94:JICST-EPlus 1985-2006/Feb W3
(c) 2006 Japan Science and Tech Corp(JST)
- File 95:TEME-Technology & Management 1989-2006/May W3
(c) 2006 FIZ TECHNIK
- File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr
(c) 2006 The HW Wilson Co.
- File 144:Pascal 1973-2006/Apr W5
(c) 2006 INIST/CNRS
- File 239:Mathsci 1940-2006/Jul
(c) 2006 American Mathematical Society
- File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
- File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
- File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning
- File 483:Newspaper Abs Daily 1986-2006/May 22
(c) 2006 ProQuest Info&Learning
- File 248:PIRA 1975-2006/Apr W3
(c) 2006 Pira International

- Set Items Description
- S1 1457120 COLOR? OR COLOUR?? OR RGB OR RED()GREEN()BLUE
- S2 4580 S1(3N)(CLIP OR CLIPPING OR CUTTING OR EDIT? OR DELET?)
- S3 8 (AVOID? OR PREVENT? OR STOP???(3N)(UNWANTED OR UNDESIREABLE)(3N)(ARTIFACT? OR DISCONTINUITIES)
- S4 1103643 SENSOR??
- S5 165970 PIXEL?? OR PEL OR PICTURE()ELEMENT??
- S6 5045 CHROMINANCE OR YUV OR LUMINENCE
- S7 285 S4(3N)MAXIMUM(3N)SENSITIVITY?
- S8 5123 WHITE()CLIP OR ZERO()VALUE??
- S9 350845 CAMERA??
- S10 22 S1(3N)VALUE??(3N)(EXCEED? OR OVER OR HIGHER)(3N)(THRESHOLD-?? OR S2(3N)VALUE??)
- S11 438 (CLIP OR CLIPPING) AND RECONSTRUCTION

S12 94 AU=(JASPERS, C? OR JASPERS C?)
S13 0 S2 AND S12
S14 0 S3 AND S2
S15 0 S3 AND S1
S16 0 S3 AND S5
S17 8 S2 AND S6
S18 0 S17 AND S8
S19 8 S17 NOT S3
S20 2 S19 NOT PY=>2001
S21 2 RD S20 (unique items)
S22 34 S11 AND (S5 OR S1)
S23 34 S11 AND (S5 OR S1 OR S6)
S24 2 S23 AND (S4 OR S7)
S25 2 S24 NOT S21
S26 0 S5 AND S6 AND S7
S27 0 S5 AND S6 AND S8

21/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03948535 INSPEC Abstract Number: B87056318

Title: D2-Mac packet. New approaches. Analog-digital TV system for satellite broadcasts

Author(s): Mielke, W.

Journal: Funkschau no.3 p.42-6

Publication Date: 30 Jan. 1987 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German

Subfile: B

...Abstract: is analog but digitally processed, using a compacted, time-sequential transmission of synchronisation, luminance and **chrominance** information, and reverse expansion in receivers. The greatest advantage is the **deletion** of cross- colour effects. Illustrations comprise oscillograms, demonstrating the basic differences between PAL and D2-Mac composite waveforms...

...Identifiers: **chrominance** ;

21/3,K/2 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01702365 JICST ACCESSION NUMBER: 93A0256228 FILE SEGMENT: JICST-E

A Development of Digital Color Corrector for HDTV.

SHIMODA SHIGERU (1); MISAWA ZEN'ICHIRO (1); NAKAJIMA KENJI (1); SHINOHARA NOBUTAKA (2); SAITO HIDETAKA (2); SHIRATORI MASASHI (2)

(1) NHK; (2) Toshiba Corp., Komukai Works

Terebijon Gakkai Gijutsu Hokoku, 1993, VOL.17,NO.7(BCS93 1-8/BFO93 1-8),
PAGE.29-34, FIG.5, REF.1

JOURNAL NUMBER: S0209AAF ISSN NO: 0386-4227

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: for HDTV that performs color correction of the Hi-Vision digital video signals in studio editing system. This Color Corrector controls G,B,R color balance (gain, pedestal, gamma), and also changes any specified...

DESCRIPTORS: chrominance signal...

?

25/3,K/1 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

07297672 E.I. No: EIP05108874249

Title: Using facial texture manipulation to study facial motion perception

Author: Kleiner, Mario; Schwaninger, Adrian; Cunningham, Douglas; Knappmeyer, Barbara

Corporate Source: Max Planck Inst. for Biol. Cybernet., Tuebingen, Germany

Conference Title: Proceedings - 1st Symposium on Applied Perception in Graphics and Visualization, APGV 2004

Conference Location: Los Angeles, CA, United States Conference Date: 20040807-20040808

E.I. Conference No.: 64338

Source: Proceedings - 1st Symposium on Applied Perception in Graphics and Visualization, APGV 2004 Proceedings - 1st Symposium on Applied Perception in Graphics and Visualization, APGV 2004 2004.

Publication Year: 2004

ISBN: 1581139144

Language: English

...Abstract: registration of texels in the texture map of the actor's head model with corresponding pixels in each video frame. The resulting manipulated texture for each video frame was reapplied to...

...rigid head motion or head shape, for manipulating the original facial texture of the video clip . The effects of motion on facial expression using a paradigm used in face recognition experiments...

Descriptors: *Face recognition; Automation; Video recording; Image reconstruction ; Sensory perception; Image analysis; Cameras; Tracking (position)

25/3,K/2 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2006 Inst for Sci Info. All rts. reserv.

10660732 Genuine Article#: 554BB No. References: 44

Title: Three-dimensional intraoperative ultrasound of vascular malformations and supratentorial tumors

Author(s): Woydt M (REPRINT) ; Horowski A; Krauss J; Krone A; Soerensen N; Roosen K

Corporate Source: Univ Wurzburg,Dept Neurosurg,Josef Schneider Str 11/D-97080 Wurzburg//Germany/ (REPRINT); Univ Wurzburg,Dept Neurosurg,D-97080 Wurzburg//Germany/, Klinikum Ingolstadt,Dept

Neurosurg, Ingolstadt//Germany/
Journal: JOURNAL OF NEUROIMAGING, 2002, V12, N1 (JAN), P28-34
ISSN: 1051-2284 Publication date: 20020100
Publisher: SAGE PUBLICATIONS INC, 2455 TELLER RD, THOUSAND OAKS, CA 91320
USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Abstract: The benefits and limits of a magnetic sensor -based
3-dimensional (3D) intraoperative ultrasound technique during surgery
of vascular malformations and supratentorial tumors...

...evaluated. Twenty patients with 11 vascular malformations and 9
supratentorial tumors undergoing microsurgical resection or clipping

were investigated with an interactive magnetic sensor data
acquisition system allowing freehand scanning. An ultrasound probe with
a mounted sensor was used after craniotomies to localize lesions,
outline tumors or malformation margins, and identify supplying...

...ultrasound images. Off-line gray-scale segmentation analysis allowed
differentiation between tissue with different echogenicities. Color
-coded information about blood flow was extracted from the images with
a reconstruction algorithm. This allowed photorealistic surface
displays of perfused tissue, tumor, and surrounding vessels,
Three-dimensional intraoperative ultrasound data acquisition was
obtained within 5 minutes. Off-line analysis and reconstruction time
depends on the type of imaging display and can take up to 30 minutes...

...Identifiers-- COLOR -DUPLEX-SONOGRAPHY; 3-DIMENSIONAL RECONSTRUCTION;
FLOW DOPPLER; VISUALIZATION; US; NEUROSURGERY; FREEHAND; ACCURACY;
SURGERY; SCANS

?

PATENT Bib FILES

File 344: Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347: JAPIO Dec 1976-2005/Dec(Updated 060404)

(c) 2006 JPO & JAPIO

File 350: Derwent WPIX 1963-2006/UD, UM & UP=200633

(c) 2006 Thomson Derwent

Set	Items	Description
S1	740454	COLOR? OR COLOUR?? OR RGB OR RED()GREEN()BLUE
S2	1643	S1(3N)(CLIP OR CLIPPING OR CUTTING OR EDIT? OR DELET?)
S3	22	(AVOID? OR PREVENT? OR STOP???) ^(3N) (UNWANTED OR UNDESIREABLE) ^(3N) (ARTIFACT? OR DISCONTINUITIES)
S4	899567	SENSOR??
S5	173332	PIXEL?? OR PEL OR PICTURE()ELEMENT??
S6	15314	CHROMINANCE OR YUV OR LUMINENCE
S7	67	S4 ^(3N) MAXIMUM ^(3N) SENSITIVITY?
S8	2441	WHITE()CLIP OR ZERO()VALUE??
S9	331452	CAMERA??
S10	146	S1 ^(3N) VALUE?? ^(3N) (EXCEED? OR OVER OR HIGHER) ^(3N) (THRESHOLD?? OR S2 ^(3N) VALUE??)
S11	25	(CLIP OR CLIPPING) AND RECONSTRUCTION

S12 32 AU=(JASPERS, C? OR JASPERS C?)
S13 0 S12 AND S2
S14 1 S12 AND S8
S15 0 S2 AND S3
S16 38 S2 AND S6
S17 0 S16 AND S8
S18 0 S16 AND S7
S19 6 S16 AND S9
S20 6 S19 NOT S14
S21 6 S20 NOT AD=20000629:20060524/PR
S22 35 S16 AND IC=H04N?
S23 34 S22 NOT AD=20000629:20060524/PR

14/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

012326562 **Image available**

WPI Acc No: 1999-132669/199911

XRPX Acc No: N99-096637

Color and contour signal generation - includes delaying sensor signal over at least one row period and obtaining contour signal by filtering row-delayed color signals

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS NORDEN AB (PHIG); US PHILIPS CORP (PHIG)

Inventor: **JASPERS C A M**

Number of Countries: 021 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9904554	A2	19990128	WO 98IB904	A	19980611	199911 B
EP 925681	A2	19990630	EP 98922991	A	19980611	199930
			WO 98IB904	A	19980611	
KR 2000068554	A	20001125	WO 98IB904	A	19980611	200130
			KR 99702145	A	19990313	
US 6263102	B1	20010717	US 98115892	A	19980715	200142
JP 2001511332	W	20010807	WO 98IB904	A	19980611	200150
			JP 99506771	A	19980611	
EP 925681	B1	20011010	EP 98922991	A	19980611	200167
			WO 98IB904	A	19980611	
DE 69801978	E	20011115	DE 601978	A	19980611	200176
			EP 98922991	A	19980611	
			WO 98IB904	A	19980611	

Priority Applications (No Type Date): EP 97401699 A 19970715

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9904554 A2 E 14 H04N-003/15

Designated States (National): JP KR

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 925681 A2 E H04N-003/15 Based on patent WO 9904554

Designated States (Regional): DE FR GB

KR 2000068554 A H04N-003/15 Based on patent WO 9904554

US 6263102 B1 G06K-009/00
JP 2001511332 W 15 H04N-009/07 Based on patent WO 9904554
EP 925681 B1 E H04N-003/15 Based on patent WO 9904554
Designated States (Regional): DE FR GB
DE 69801978 E H04N-003/15 Based on patent EP 925681
Based on patent WO 9904554

Inventor: JASPERSCAM

...Abstract (Basic): with alternately colored filter elements is delayed over at least one row (line) period and zero values are inserted for each color at locations of differently colored filter elements in a zero...

?

21/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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03184395 **Image available**

AUTOMATIC WHITE BALANCE DEVICE FOR VIDEO CAMERA

PUB. NO.: 02-159895 [JP 2159895 A]

PUBLISHED: June 20, 1990 (19900620)

INVENTOR(s): NINOMIYA NORIAKI
HATACHI SHINJI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 63-313686 [JP 88313686]

FILED: December 14, 1988 (19881214)

JOURNAL: Section: E, Section No. 975, Vol. 14, No. 414, Pg. 120,
September 07, 1990 (19900907)

AUTOMATIC WHITE BALANCE DEVICE FOR VIDEO CAMERA

ABSTRACT

... etc., when white balance control is executed to a surrounding light by providing a high color temperature clip circuit to clip a control circuit output at the time of a high color temperature...

...CONSTITUTION: The surrounding light of a video camera is diffused and averaged by a diffusion board 1 and the light is photodetector by...

... circuit 3, and clipped by a potential, which is set in advance, in a high color temperature clip circuit 4 and the chrominance signal processing circuit of the video camera is controlled. Thus, the chrominance signal processing circuit of the video camera is not controlled over the set color temperature. Accordingly, when the white balance control is...

21/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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00116923

DELETION SYSTEM FOR COLOR FALSE SIGNAL OF HORIZONTAL DIRECTION

PUB. NO.: 52-075923 [JP 52075923 A]

PUBLISHED: June 25, 1977 (19770625)
INVENTOR(s): MATSUMOTO SEIJI
APPLICANT(s): HITACHI DENSHI LTD [000542] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 50-151807 [JP 75151807]
FILED: December 22, 1975 (19751222)
JOURNAL: Section: E, Section No. 64, Vol. 01, No. 139, Pg. 6733, November 15, 1977 (19771115)

DELETION SYSTEM FOR COLOR FALSE SIGNAL OF HORIZONTAL DIRECTION

ABSTRACT

... by reducing horizontal color false signal through differentiation of each positive direction element of the chrominance signal of unitube color TV camera and by subtracting these elements from the chrominance signal.

21/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013613467 **Image available**
WPI Acc No: 2001-097675/200111
XRPX Acc No: N01-074501

Dynamic range enlargement camera for synthesizing images of different exposure has signal synthesizer which outputs two color signals as one chrominance signal to which dynamic range enlargement is performed
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000333187	A	20001130	JP 99136746	A	19990518	200111 B

Priority Applications (No Type Date): JP 99136746 A 19990518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000333187	A	12	H04N-009/07		

Dynamic range enlargement camera for synthesizing images of different exposure has signal synthesizer which outputs two color signals as one chrominance signal to which dynamic range enlargement is performed

Abstract (Basic):

... A color isolation unit (12) separates a chrominance signal from an input signal. The chrominance signal is input to a second scanning converter (14) which performs scanning conversion at the...

...as two signals to a second signal synthesizer (16) which outputs the signals as one chrominance signal to which dynamic range enlargement is performed.

... by discontinuity of color carrier is prevented. Obtains simple and favorable capability since redundant brightness color isolation unit is deleted .

...The figure shows the block diagram of the dynamic range enlargement

camera .

...Title Terms: **CAMERA ;**

213,K/4 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

013285757 **Image available**
WPI Acc No: 2000-457692/200040

XRPX Acc No: N00-341716

Color transformation procedure for use in color scanner, color camera , involves performing three-dimensional interpolation utilizing lattice point data chosen from color transformation table memory
Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: INOUE M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000165691	A	20000616	JP 98337326	A	19981127	200040 B
US 6571010	B1	20030527	US 99444294	A	19991122	200337

Priority Applications (No Type Date): JP 98337326 A 19981127

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000165691 A 12 H04N-001/60

US 6571010 B1 G06K-009/00

Color transformation procedure for use in color scanner, color camera , involves performing three-dimensional interpolation utilizing lattice point data chosen from color transformation table memory

Abstract (Basic):

... such as high speed color correction, color equation, within real time in color scanner, color camera , color hard copy apparatus, color video camera , color recognition apparatus, video editor , color printer...

...high speed and highly precise color transformation to lightness chromaticity, three primary colors or input chrominance signal of tristimulus value, is achieved. Continuity ranging over whole region of color space is...

...Title Terms: **CAMERA ;**

213,K/5 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

012981988 **Image available**
WPI Acc No: 2000-153841/200014

XRPX Acc No: N00-114824

Chrominance signal clipping controller in electronic color camera - has clip level setting circuit which sets up clip level of chrominance signal with reference to signal from color separator

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000013808	A	20000114	JP 98190989	A	1998062	200014 B

Priority Applications (No Type Date): JP 98190989 A 19980623

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000013808	A	9	H04N-009/04	

Chrominance signal clipping controller in electronic color camera

- ...

...has clip level setting circuit which sets up clip level of chrominance signal with reference to signal from color separator

...Abstract (Basic): NOVELTY - Clip level setting circuit (31) sets up clip level of chrominance signals (B0,G0) with reference to signal (R0) from color separator (8) before or after...

...Clip circuit (32) on clip level setup by the setting circuit, performs clipping of the chrominance signal, after white balance adjustment...

...USE - For chrominance signal clipping in electronic color camera

- ...

...ADVANTAGE - Increases dynamic range of chrominance signal at the time of image pickup of photographed object with clip process and hence color sensitivity of image pick-up element is improved. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of principal part of color image pick-up apparatus. (8) Color separator; (31) Clip level setting circuit; (32) Clip circuit

Title Terms: **CHROMINANCE ;**

21/3,K/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009389616 **Image available**

WPI Acc No: 1993-083095/199310

XRPX Acc No: N93-063733

Chrominance signal clip circuit for colour video camera - detects high and low levels of composite video signal from luminance and colour difference signals frequency-multiplied by factor of four No abstract

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5030525	A	19930205	JP 91178134	A	19910718	199310 B
JP 3076997	B2	20000814	JP 91178134	A	19910718	200043

Priority Applications (No Type Date): JP 91178134 A 19910718

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 5030525 A 6 H04N-009/68
JP 3076997 B2 5 H04N-009/68 Previous Publ. patent JP 5030525

Chrominance signal clip circuit for colour video camera -
Title Terms: **CHROMINANCE** ;

?

23/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06826481 **Image available**

METHOD AND DEVICE FOR PRINTING PICTURE

PUB. NO.: 2001-053975 [JP 2001053975 A]

PUBLISHED: February 23, 2001 (20010223)

INVENTOR(s): ISHIDOYA MITSUAKI

APPLICANT(s): RISO KAGAKU CORP

APPL. NO.: 11-224940 [JP 99224940]

FILED: August 09, 1999 (19990809)

INTL CLASS: **H04N-001/46** ; B41J-002/52; B41J-002/525; **H04N-001/40**

ABSTRACT

...SOLUTION: An each image area separating means 30 separates data R, G and B expressing chrominance information of three colors R(red), G(green) and B(blue) obtained by an image...

... to the respective areas of characters, a photograph and a dot by each kind of color . A color editing means 40 optionally selects or combines each data by each area concerning separated data RM...

... Y(yellow), M(magenta), BW(white, black) and increases or reduces its level to execute color editing . A conversion means 50 converts to the monochromatic data XM, XS, XA through use of result of the color editing by each area. A binarizing means 70 executes binarizing processing corresponding to each area. A...

23/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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06397362 **Image available**

IMAGE PROCESSOR AND IMAGE PROCESSING METHOD

PUB. NO.: 11-339013 [JP 11339013 A]

PUBLISHED: December 10, 1999 (19991210)

INVENTOR(s): KOIDE MASAICHI

KURONUMA SEIICHI

OHASHI KAZUYUKI

APPLICANT(s): OKI INF SYST

OKI ELECTRIC IND CO LTD

APPL. NO.: 10-147042 [JP 98147042]

FILED: May 28, 1998 (19980528)

INTL CLASS: G06T-001/00; **H04N-001/60** ; **H04N-001/41** ; **H04N-001/46**

ABSTRACT

...JPEG(joint photographic experts group) image.

SOLUTION: A compressed data storing part 2 stores compressed **YUV** (luminance, blue, and red) data constituting a JPEG image, and a data expanding part 3 expands the compressed **YUV** data, and obtains the extended **YUV** data. A table storing part 5 stores a color classification table for dividing a displayable color and an RGB(read, green, blue) table for dividing each color classification based on **RGB** data. A data editing part 4 decides the color classification based on the expanded UV data in the expanded **YUV** data, and decides RGB data from the RGB table of the color classification based on the expanded Y data in the expanded **YUV** data.

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23/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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06156830 **Image available**

METHOD AND DEVICE FOR READING IMAGE

PUB. NO.: 11-098373 [JP 11098373 A]

PUBLISHED: April 09, 1999 (19990409)

INVENTOR(s): NISHIO TOMONOBU

APPLICANT(s): FUJI PHOTO FILM CO LTD

APPL. NO.: 09-255631 [JP 97255631]

FILED: September 19, 1997 (19970919)

INTL CLASS: **H04N-001/60 ; G02B-005/20; H04N-001/46 ; H04N-009/11**

ABSTRACT

... from being conspicuous by dividing read image data into a main color component and a **color** component and cutting the high frequency component of this color component.

SOLUTION: In circuit configuration setting G light as a main **chrominance** signal, the photometric data of this G are inputted to two differentiators 500 and 502...

23/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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05435711 **Image available**

COLOR PICTURE INFORMATION PROCESSOR AND ITS METHOD

PUB. NO.: 09-050511 [JP 9050511 A]

PUBLISHED: February 18, 1997 (19970218)

INVENTOR(s): TAKAGI TOSHINORI

SOMA YOSHIO

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP

(Japan)
RICOH JOHO SYST KK [000000] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-219815 [JP 95219815]
FILED: August 05, 1995 (19950805)

INTL CLASS: G06T-001/00; H04N-001/387 ; H04N-001/46 ; H04N-009/07

ABSTRACT

... picture with natural color from an output side device in the case of applying prescribed **editing** processing to a **color** picture signal (RGB) based upon characteristics inherent in an input side device and outputting the...
... color picture signal having inherent characteristics, a picture editing means 2 for applying prescribed picture **editing** processing to the **color** picture information inputted from the means 1 and preparing a color picture signal including character...

... and a color conversion means 3 for converting the color picture signal into a reference **chrominance** signal. When the means 2 is not provided with a color conversion function, the means 3 converts the color picture signal into the reference **chrominance** signal at the time of outputting the color picture signal with the prescribed output format...

23/3,K/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO
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04774530 **Image available**
HIGH-LUMINANCE CHROMINANCE SIGNAL SUPPRESSING CIRCUIT

PUB. NO.: 07-067130 [JP 7067130 A]
PUBLISHED: March 10, 1995 (19950310)
INVENTOR(s): TAKAIWA KAN
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-211614 [JP 93211614]
FILED: August 26, 1993 (19930826)

HIGH-LUMINANCE CHROMINANCE SIGNAL SUPPRESSING CIRCUIT

INTL CLASS: H04N-009/68

ABSTRACT

... signal while using a luminance signal higher than a prescribed level at the **high-luminance chrominance** signal suppressing circuit used for the signal processing of a video...

... upside of the signal is clipped by the luminance signals XCS and Y for inverted **color** suppression at a **clip** circuit 14, and the **high-luminance color** suppressing operation is performed. Thus, the circuit configuration...

23/3,K/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO
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04655127 **Image available**
CHROMINANCE SIGNAL BASE CLIP CIRCUIT

PUB. NO.: 06-327027 [JP 6327027 A]
PUBLISHED: November 25, 1994 (19941125)
INVENTOR(s): NIKAWA HIDEMITSU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 05-133936 [JP 93133936]
FILED: May 12, 1993 (19930512)

CHROMINANCE SIGNAL BASE CLIP CIRCUIT

INTL CLASS: **H04N-009/68 ; H04N-009/72**

ABSTRACT

PURPOSE: To prevent a false color generated due to the change of a color phase in a clip area in a base clip circuit for a chrominance signal

...

...CONSTITUTION: Color saturation information EC is read from a ROM 1 using the input chrominance signal as an address. A constant T1 is subtracted from the EC by a subtractor...

...as an EC5 as it is (T2 clamp output). The EC5 is multiplied by the chrominance signal by multipliers 3 and 4, the gain is controlled by gain adjusters 5 and 6, and a base clip output is obtained. Then, the level adjustment of the input chrominance signal is simultaneously operated by the color saturation being the brightness of a color of the input chrominance signal, so that color slippage can be prevented.

23/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO
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03184395 **Image available**
AUTOMATIC WHITE BALANCE DEVICE FOR VIDEO CAMERA

PUB. NO.: 02-159895 [JP 2159895 A]
PUBLISHED: June 20, 1990 (19900620)
INVENTOR(s): NINOMIYA NORIAKI
HATACHI SHINJI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-313686 [JP 88313686]
FILED: December 14, 1988 (19881214)
JOURNAL: Section: E, Section No. 975, Vol. 14, No. 414, Pg. 120,
September 07, 1990 (19900907)

INTL CLASS: **H04N-009/73 ; H04N-009/04**

ABSTRACT

... etc., when white balance control is executed to a surrounding light by providing a high color temperature clip circuit to clip a control circuit output at the time of a high color temperature...

... circuit 3, and clipped by a potential, which is set in advance, in a high color temperature clip circuit 4 and the chrominance signal processing circuit of the video camera is controlled. Thus, the chrominance signal processing circuit of the video camera is not controlled over the set color temperature...

23/3,K/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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02854295

LOW SATURATION CLIP CIRCUIT

PUB. NO.: 01-151895 [JP 1151895 A]

PUBLISHED: June 14, 1989 (19890614)

INVENTOR(s): YOSHIDA SEIJI

APPLICANT(s): VICTOR CO OF JAPAN LTD [000432] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 62-311437 [JP 87311437]

FILED: December 09, 1987 (19871209)

JOURNAL: Section: E, Section No. 820, Vol. 13, No. 413, Pg. 85,
September 12, 1989 (19890912)

INTL CLASS: **H04N-009/68**

ABSTRACT

PURPOSE: To prevent misalignment of hue of a chrominance carrier signal due to low saturation clip by correcting the low saturation clip width of

...CONSTITUTION: The width to clip the 1st color difference signal and the width to clip the 2nd color difference signal in the 1st and 2nd color difference signals to be added through balance...

... the 2nd color difference signal. Thus, even if the phase of a vector of a chrominance carrier signal is other than 45 deg.Xn, the defect of misalignment of hue due...

23/3,K/9 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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02577595 **Image available**

VIDEO SIGNAL RECORDING AND REPRODUCING DEVICE

PUB. NO.: 63-194495 [JP 63194495 A]

PUBLISHED: August 11, 1988 (19880811)

INVENTOR(s): SEKIMOTO KUNIO
MORIMOTO TAKESHI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 62-027730 [JP 8727730]
FILED: February 09, 1987 (19870209)
JOURNAL: Section: E, Section No. 693, Vol. 12, No. 476, Pg. 39,
December 13, 1988 (19881213)

INTL CLASS: H04N-009/86 ; H04N-009/79

ABSTRACT

... shift by providing a means for recording a first signal indicating the phase of a chrominance sub-carrier of an input composite video signal at the time of inputting a standard...
... signal by a reference phase signal extracting device 33, to compare the phases with the chrominance subcarrier from a synchronizing generator 15 in a phase comparator 34 and control a phase...
...a color frame detector 44 and guided to a comparator 47. At the time of editing, the color frame information of an input video signal to be recorded next is guided to the...

23/3,K/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

02460387 **Image available**
SOLID-STATE IMAGE PICKUP DEVICE

PUB. NO.: 63-077287 [JP 63077287 A]
PUBLISHED: April 07, 1988 (19880407)
INVENTOR(s): IDE TATSUKI
ITO KENICHI
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-223159 [JP 86223159]
FILED: September 19, 1986 (19860919)
JOURNAL: Section: E, Section No. 648, Vol. 12, No. 310, Pg. 120,
August 23, 1988 (19880823)

INTL CLASS: H04N-009/07

ABSTRACT

... pickup element output for every other picture element, executing the white balance correction, executing the clipping and obtaining a color difference signal with subtraction...
...CONSTITUTION: For a signal from a solid-state image pickup element 11, a modulating chrominance components component is removed by an LPF 12, the signal is gamma-corrected with a...
... and enters a multiplying circuit 23 as a control signal for correcting the gamma of chrominance components. Sample-holding circuits 15 and 16 sampling-separates the signal from the element 11...

23/3,K/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO

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01944185 **Image available**
COLOR VIDEO SIGNAL PROCESSOR

PUB. NO.: 61-158285 [JP 61158285 A]
PUBLISHED: July 17, 1986 (19860717)
INVENTOR(s): SAWAGATA KIYOSHI
YOSHIDA AKIYUKI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 59-280072 [JP 84280072]
FILED: December 28, 1984 (19841228)
JOURNAL: Section: E, Section No. 461, Vol. 10, No. 363, Pg. 30,
December 05, 1986 (19861205)

INTL CLASS: H04N-009/79 ; H04N-009/87 ; H04N-011/00

ABSTRACT

... 2fC-3fSC to an adder circuit 5 after a level detecting circuit 21 for luminance/ chrominance signals and a chrominance signal level detecting circuit 22 detect that the luminance and chrominance signal have small level changes and the chrominance signal has a high level, and then switches 19 and 20 are turned on. Thus the side band component is deleted from the color video signal.

1 23/3,K/12 (Item 12 from file: 347)

DIALOG(R)File 347:JAPIO

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01450381 **Image available**
PICTURE PROCESSOR

PUB. NO.: 59-161981 [JP 59161981 A]
PUBLISHED: September 12, 1984 (19840912)
INVENTOR(s): IKEDA YOSHINORI
YOSHIDA TADASHI
HAYASHI MASAYOSHI
ABE SHUNICHI
MATSUOKA NOBUO
AKIYAMA MITSUO
MITA YOSHINOBU
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 58-036515 [JP 8336515]
FILED: March 06, 1983 (19830306)
JOURNAL: Section: E, Section No. 291, Vol. 09, No. 15, Pg. 54, January
22, 1985 (19850122)

INTL CLASS: H04N-001/46 ; G06F-015/20

ABSTRACT

PURPOSE: To reproduce color pictures of high quality by obtaining the specific color data for deletion of the foundation from mutual compensations of plural color data and then compensating these color...

...CONSTITUTION: Each 8-bit chrominance signal which underwent the photoelectric conversion by a photodetecting unit, the digitization and the conversion...

23/3,K/13 (Item 13 from file: 347)

DIALOG(R)File 347:JAPIO

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01342792 **Image available**

VIDEO SIGNAL RECORDING AND REPRODUCING DEVICE

PUB. NO.: 59-054392 [JP 59054392 A]

PUBLISHED: March 29, 1984 (19840329)

INVENTOR(s): MURAKAMI MITSURU

APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 57-165537 [JP 82165537]

FILED: September 21, 1982 (19820921)

JOURNAL: Section: E, Section No. 255, Vol. 08, No. 149, Pg. 86, July 12, 1984 (19840712)

INTL CLASS: H04N-005/92 ; G11B-005/027

ABSTRACT

PURPOSE: To prevent color deletion and color missing, by switching two delay circuits at the rewinding reproducing mode and other modes in...

...is compensated at 0.5H and the disturbance of the order of phase of a chrominance signal is compensated for 1H in the delay time of 1.5H.

23/3,K/14 (Item 14 from file: 347)

DIALOG(R)File 347:JAPIO

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00829582 **Image available**

INDEX SYSTEM COLOR TELEVISION RECEIVER

PUB. NO.: 56-149882 [JP 56149882 A]

PUBLISHED: November 19, 1981 (19811119)

INVENTOR(s): INOUE FUMIO

ANDO KUNIO

KAKO MASAO

HONDA TOYOTA

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 55-052955 [JP 8052955]

FILED: April 23, 1980 (19800423)

JOURNAL: Section: E, Section No. 96, Vol. 06, No. 32, Pg. 7, February 26, 1982 (19820226)

INTL CLASS: H04N-009/24

ABSTRACT

... by controlling a specific color part of a color picture signal by a

luminance level, clipping its color level, and simultaneously controlling the luminance level so as to correspond to a hue to...

... an output from the emitter of the transistor TR4. Also, an index signal and a **chrominance** carrier signal which have been obtained in case of scanning the fluorescent surface of the...

... waveform is controlled and clipped at a luminance level by the color signal and the **chrominance** subcarrier which have been provided to the color signal input terminal 70 and the **chrominance** subcarrier signal input terminal 71, so that a satisfactory color picture can be reproduced.

23/3,K/15 (Item 15 from file: 347)

DIALOG(R)File 347:JAPIO

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00116923

DELETION SYSTEM FOR COLOR FALSE SIGNAL OF HORIZONTAL DIRECTION

PUB. NO.: 52-075923 [JP 52075923 A]

PUBLISHED: June 25, 1977 (19770625)

INVENTOR(s): MATSUMOTO SEIJI

APPLICANT(s): HITACHI DENSHI LTD [000542] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 50-151807 [JP 75151807]

FILED: December 22, 1975 (19751222)

JOURNAL: Section: E, Section No. 64, Vol. 01, No. 139, Pg. 6733, November 15, 1977 (19771115)

DELETION SYSTEM FOR COLOR FALSE SIGNAL OF HORIZONTAL DIRECTION

INTL CLASS: **H04N-009/07**

ABSTRACT

... by reducing horizontal color false signal through differentiation of each positive direction element of the **chrominance** signal of unitube color TV camera and by subtracting these elements from the **chrominance** signal.

23/3,K/16 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014996328 **Image available**

WPI Acc No: 2003-056843/200305

XRPX Acc No: N03-043922

Small-gamut colorant set apparatus for printing press, ink printer, has three tinting colorants with C values proportional to those at prescribed lower and upper extreme L values

Patent Assignee: HOLMES J (HOLM-I)

Inventor: HOLMES J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

US 6459501 B1 20021001 US 9880796 P 19980406 200305 B
US 99280232 A 19990329

Priority Applications (No Type Date): US 9880796 P 19980406; US 99280232 A 19990329

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 6459501 B1 21 G06F-015/00 Provisional application US 9880796

Abstract (Basic):

... Three tinting colorants each having hue angles in laminate chrominance0 hue (LCH) color space which is 60degrees different from the other two. The range limits...
... a screened photographic print. The image data can be readily edited with tools designed for editing color image is software application...
...International Patent Class (Additional): H04N-001/46

23/3,K/17 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014062168 **Image available**

WPI Acc No: 2001-546381/200161

XRPX Acc No: N01-406419

Image editor for color copier, synthesizes the input image signal and background chrominance signal, based on calculated synthetic ratio

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applcat No Kind Date Week
JP 2001211312 A 20010803 JP 200020476 A 20000128 200161 B

Priority Applications (No Type Date): JP 200020476 A 20000128

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001211312 A 11 H04N-001/387

Image editor for color copier, synthesizes the input image signal and background chrominance signal, based on calculated synthetic ratio

Abstract (Basic):

... density information and chroma information of input image. The input image signal and a background chrominance signal are synthesized, based on the calculated synthetic ratio.

...Title Terms: CHROMINANCE ;

International Patent Class (Main): H04N-001/387

...International Patent Class (Additional): H04N-009/74

23/3,K/18 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013613467 **Image available**

WPI Acc No: 2001-097675/200111

XRPX Acc No: N01-074501

Dynamic range enlargement camera for synthesizing images of different exposure has signal synthesizer which outputs two color signals as one chrominance signal to which dynamic range enlargement is performed

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000333187	A	20001130	JP 99136746	A	19990518	200111 B

Priority Applications (No Type Date): JP 99136746 A 19990518

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000333187 A 12 H04N-009/07

... synthesizing images of different exposure has signal synthesizer which outputs two color signals as one chrominance signal to which dynamic range enlargement is performed

Abstract (Basic):

... A color isolation unit (12) separates a **chrominance** signal from an input signal. The **chrominance** signal is input to a second scanning converter (14) which performs scanning conversion at the...

...as two signals to a second signal synthesizer (16) which outputs the signals as one **chrominance** signal to which dynamic range enlargement is performed.

... by discontinuity of color carrier is prevented. Obtains simple and favorable capability since redundant brightness **color** isolation unit is **deleted**.

...Title Terms: **CHROMINANCE** ;

International Patent Class (Main): **H04N-009/07**

International Patent Class (Additional): **H04N-005/235** ...

... **H04N-009/68** ...

... **H04N-009/78**

23/3,K/19 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013285757 **Image available**

WPI Acc No: 2000-457692/200040

XRPX Acc No: N00-341716

Color transformation procedure for use in color scanner, color camera, involves performing three-dimensional interpolation utilizing lattice point data chosen from color transformation table memory

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELECTRIC IND CO LTD (MATU)

Inventor: INOUE M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week

JP 2000165691 A 20000616 JP 98337326 A 19981127 200040 B

US 6571010 B1 20030527 US 99444294 A 19991122 200337

Priority Applications (No Type Date): JP 98337326 A 19981127

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000165691 A 12 H04N-001/60

US 6571010 B1 G06K-009/00

Abstract (Basic):

... within real time in color scanner, color camera, color hard copy apparatus, color video camera, **color** recognition apparatus, video editor, **color** printer...

...high speed and highly precise color transformation to lightness chromaticity, three primary colors or input **chrominance** signal of tristimulus value, is achieved. Continuity ranging over whole region of color space is...

...International Patent Class (Main): **H04N-001/60**

...International Patent Class (Additional): **H04N-001/46**

23/3,K/20 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013107881 **Image available**

WPI Acc No: 2000-279752/200024

XRPX Acc No: N00-211095

Image processor for color copier, performs processing of specific area on original document by drawing a line surrounding the area with a marker pen

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

JP 2000078389 A 20000314 JP 98241255 A 1998082 200024 B

Priority Applications (No Type Date): JP 98241255 A 19980827

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000078389 A 14 H04N-001/387

Abstract (Basic):

... An image reader (10) converts image of original document to image data of each **chrominance** signal. Image processor (20) identifies marking classification in specific area marked by marker pen on original document based on image data and image edit processor containing **color editing** function generates **edited** image data (25a) and is printed by image recorder (30), based on the markings.

International Patent Class (Main): **H04N-001/387**

...International Patent Class (Additional): **H04N-001/00**

23/3,K/21 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012981988 **Image available**

WPI Acc No: 2000-153841/200014

XRPX Acc No: N00-114824

Chrominance signal clipping controller in electronic color camera -
has clip level setting circuit which sets up clip level of chrominance
signal with reference to signal from color separator

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000013808	A	20000114	JP 98190989	A	1998062	200014 B

Priority Applications (No Type Date): JP 98190989 A 19980623

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000013808 A 9 H04N-009/04

Chrominance signal clipping controller in electronic color camera

...

...has clip level setting circuit which sets up clip level of chrominance
signal with reference to signal from color separator

...Abstract (Basic): NOVELTY - Clip level setting circuit (31) sets up clip
level of chrominance signals (B0,G0) with reference to signal (R0)
from color separator (8) before or after...

...Clip circuit (32) on clip level setup by the setting circuit, performs
clipping of the chrominance signal, after white balance adjustment...

...USE - For chrominance signal clipping in electronic color camera

...

...ADVANTAGE - Increases dynamic range of chrominance signal at the time
of image pickup of photographed object with clip process and hence
color sensitivity of image pick-up element is improved. DESCRIPTION OF
DRAWING(S) - The figure shows block diagram of principal part of color
image pick-up apparatus. (8) Color separator; (31) Clip level
setting circuit; (32) Clip circuit...

Title Terms: CHROMINANCE ;

International Patent Class (Main): H04N-009/04

International Patent Class (Additional): H04N-009/73

23/3,K/22 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

011354292 **Image available**

WPI Acc No: 1997-332199/199730

XRPX Acc No: N97-275762

Video signal clipping circuitry for colour television broadcasting -
amplifies line video signal and uses diode clipping device to clip excess
white level voltage peaks, with attenuator generating standard level
signal

Patent Assignee: GEN INSTR CORP (GENN)

Inventor: BACCARINI M P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5640212	A	19970617	US 96591716	A	19960125	199730 B

Priority Applications (No Type Date): US 96591716 A 19960125

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5640212	A	10	H04N-005/16	Video signal clipping circuitry for colour television broadcasting...

...Abstract (Basic): USE/ADVANTAGE - E.g. CATV. Efficient and cost effective. Produces lower level of luminance and chrominance distortion. Prevents overmodulation of RF broadcast carrier...

International Patent Class (Main): **H04N-005/16**

23/3,K/23 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

011211950 **Image available**

WPI Acc No: 1997-189875/199717

XRPX Acc No: N97-156881

Colour image information processor - performs conversion of input RGB signal to standard chrominance signal using colour conversion unit, when image edit unit has no colour conversion function

Patent Assignee: RICOH KK (RICO); RIKO JOHO SYSTEM KK (RIKO-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9050511	A	19970218	JP 95219815	A	19950805	199717 B

Priority Applications (No Type Date): JP 95219815 A 19950805

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9050511	A	8	G06T-001/00	

... performs conversion of input RGB signal to standard chrominance signal using colour conversion unit, when image edit unit has no colour conversion function

...Abstract (Basic): A colour conversion unit (3) is used to convert the formatted RGB signal to standard chrominance signal, when the edit unit has no colour conversion function. The chrominance signal is then sent to an output unit (4...

...Title Terms: **CHROMINANCE** ;

International Patent Class (Additional): **H04N-001/387** ...

... **H04N-001/46** ...

... **H04N-009/07**

23/3,K/24 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

010922240 **Image available**

WPI Acc No: 1996-419191/199642

CRT drive circuit for TV - has control unit which performs colour and contrast coordination, using current detected by current detector which is placed between first and second drive unit

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

JP 8205183 A 19960809 JP 959527 A 19950125 199642 B

Priority Applications (No Type Date): JP 959527 A 19950125

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 8205183 A 3 H04N-009/64

...Abstract (Basic): The circuit comprises a first drive unit connected with a chrominance signal input source and a second drive unit connected with a luminance signal input source...

...ADVANTAGE - Prevents saturation of colour output circuit. Prevents clip and gradation of bright screen from being lost...

International Patent Class (Main): H04N-009/64

23/3,K/25 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

010894171 **Image available**

WPI Acc No: 1996-391122/199639

XRPX Acc No: N96-329677

Image processor for colour copier, colour facsimile, colour printer - uses colour edit part to perform colour editing of input image by forming chrominance signal based on output of recognition part

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

JP 8191386 A 19960723 JP 9518429 A 19950110 199639 B

Priority Applications (No Type Date): JP 9518429 A 19950110

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 8191386 A 7 H04N-001/387

... uses colour edit part to perform colour editing of input image by forming chrominance signal based on output of recognition part

...Abstract (Basic): amplitude (Vi) of the input image with a pair of limiting values (T1,T2). A colour edit part (40) performs a colour editing of the input image by forming a chrominance signal based on the output of the recognition part...

...the outline of the character of the input image, an addition signal (Sd) and a chrominance signal (Sb) from a first palette (42) are added. A

chrominance signal (Sa) from a second palette (41) is added to the background...

...ADVANTAGE - Enables output of desired colour images. Enables editing , colouring and stripping of characters...

...Title Terms: **CHROMINANCE** ;

International Patent Class (Main): **H04N-001/387**

...International Patent Class (Additional): **H04N-001/40** ...

... **H04N-001/46** ...

... **H04N-001/60**

23/3,K/26 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

010752491 **Image available**

WPI Acc No: 1996-249446/199625

XRPX Acc No: N96-209699

Colour conversion coefficient determination direction for e.g. copier, printer - by converting first chrominance signal to second chrominance signal based on conversion information of dispersed point passed before

Patent Assignee: FUJI XEROX CO LTD (XERF)

Inventor: KITA S; MURAI K; OGATSU H

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

JP 8102865 A 19960416 JP 95180455 A 19950717 199625 B

US 5978107 A 19991102 US 95510539 A 19950802 199953

JP 3083067 B2 20000904 JP 95180455 A 19950717 200045

Priority Applications (No Type Date): JP 94182368 A 19940803

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 8102865 A 25 H04N-001/46

US 5978107 A G03F-003/08

JP 3083067 B2 25 H04N-001/60 Previous Publ. patent JP 8102865

... by converting first chrominance signal to second chrominance signal based on conversion information of dispersed point passed before

...Abstract (Basic): An operation process converts a first chrominance signal to a second chrominance signal based on a conversion information on a dispersed point passed before...

...ADVANTAGE - Utilises production edit environment of broad colour document. Reduces interpolation error...

...Title Terms: **CHROMINANCE** ;

...International Patent Class (Main): **H04N-001/46** ...

... **H04N-001/60**

23/3,K/27 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

010146328 **Image available**

WPI Acc No: 1995-047580/199507

XRPX Acc No: N95-037797

**Chrominance signal clipping circuit avoiding colour phase change -
reads colour saturation value from ROM and subtracts from constant value,
clamps subtractor output if positive value, and applies to multiplier and
then to gain controller for setting clipping level NoAbstract**

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 6327027	A	19941125	JP 93133936	A	19930512	199507 B

Priority Applications (No Type Date): JP 93133936 A 19930512

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 6327027 A 8 H04N-009/68

Chrominance signal clipping circuit avoiding colour phase change...

Title Terms: **CHROMINANCE ;**

International Patent Class (Main): **H04N-009/68**

International Patent Class (Additional): **H04N-009/72**

23/3,K/28 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

010000682 **Image available**

WPI Acc No: 1994-268393/199433

Related WPI Acc No: 1994-268395

XRPX Acc No: N96-324221

**Image pick-up device for generating corrected luminance signal -
subtracts two colour difference signals as correction signals from
luminance signal, generates correction signal by base-clipping at least
one of two colour difference signals**

Patent Assignee: CANON KK (CANO)

Inventor: HIEDA T; SHIMOKORIYAMA M

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 6197360	A	19940715	JP 92358971	A	19921225	199433 B
US 5548330	A	19960820	US 93171178	A	19931222	199639
US 5767899	A	19980616	US 93171178	A	19931222	199831
			US 96660335	A	19960604	

Priority Applications (No Type Date): JP 92358971 A 19921225; JP 92344555 A 19921224

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 6197360 A 13 H04N-009/64

US 5548330 A 32 H04N-005/20

US 5767899 A H04N-005/208 Div ex application US 93171178
Div ex patent US 5548330

...Abstract (Basic): image signal. A following circuit (105) splits the digital signal into R,G and B chrominance signals. Two circuits (125, 126) base clip the colour difference signals R-Y and B-Y respectively. The multipliers (127, 128) and subtractor (121...

...the subtractor, is passed on to the D/A converter (123) to deliver a colour chrominance signal...

International Patent Class (Main): **H04N-005/20** ...

... **H04N-005/208** ...

... **H04N-009/64**

International Patent Class (Additional): **H04N-009/04** ...

... **H04N-009/68** ...

... **H04N-009/77**

23/3,K/29 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

009389616 **Image available**

WPI Acc No: 1993-083095/199310

XRPX Acc No: N93-063733

Chrominance signal clip circuit for colour video camera - detects high and low levels of composite video signal from luminance and colour difference signals frequency-multiplied by factor of four
Noabstract

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No Kind Date Applcat No Kind Date Week

JP 5030525 A 19930205 JP 91178134 A 19910718 199310 B

JP 3076997 B2 20000814 JP 91178134 A 19910718 200043

Priority Applications (No Type Date): JP 91178134 A 19910718

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 5030525 A 6 H04N-009/68

JP 3076997 B2 5 H04N-009/68 Previous Publ. patent JP 5030525

Chrominance signal clip circuit for colour video camera...

Title Terms: **CHROMINANCE** ;

International Patent Class (Main): **H04N-009/68**

23/3,K/30 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

008606378 **Image available**

WPI Acc No: 1991-110408/199116

XRPX Acc No: N91-085119

Automatic adjustment of magnitudes for chroma key signal derivation - measuring signal obtained by chrominance and-or luminance selection, together with change of adjust magnitude

Patent Assignee: BTS BROADCAST TEL (BTSB-N); PHILIPS BROADCAST TELEVISION SYSTEMS GMB (PHIG); BTS BROADCAST TELEVISION SYSTEMS (BTSB-N)

Inventor: MULLER K D; MUELLER K; MULLER K

Number of Countries: 005 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3932758	A	19910411	DE 3932758	A	19890930	199116 B
FR 2652700	A	19910405			199126	
GB 2239574	A	19910703	GB 9021101	A	19900928	199127
JP 3125592	A	19910528	JP 90255496	A	19900927	199127
US 5146315	A	19920908	US 90581280	A	19900912	199239
GB 2239574	B	19931117	GB 9021101	A	19900928	199346
DE 3932758	C2	19981029	DE 3932758	A	19890930	199847

Priority Applications (No Type Date): DE 3932758 A 19890930; JP 90255496 A 19900927

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 3932758	A	5		
US 5146315	A	6	H04N-005/262	
GB 2239574	B	2	H04N-009/75	
DE 3932758	C2		H04N-009/75	

... measuring signal obtained by chrominance and-or luminance selection, together with change of adjust magnitude

...Abstract (Basic): one adjusting magnitude a characteristic magnitude of a signal, obtained from the video signal by chrominance and/or luminance selection, is measured. On attaining suitable characteristic magnitude, the existing value of...

...Abstract (Equivalent): through a limiter to produce a video mixer signal, variable settings are provided for colour hue, colour selectivity, clip level and control signal amplification. The setting magnitudes are preliminarily varied while peak values of...

...Title Terms: CHROMINANCE ;

International Patent Class (Main): H04N-005/262 ...

... H04N-009/75

International Patent Class (Additional): H04N-005/27 ...

... H04N-005/272 ...

... H04N-005/275

23/3,K/31 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

008606377 **Image available**

WPI Acc No: 1991-110407/199116

XRPX Acc No: N91-085118

Chroma key signal derivation by chrominance selection - using cut-off potential controlled in dependence on video signal amplitude

Patent Assignee: BTS BROADCAST TEL (BTSB-N); PHILIPS BROADCAST TELEVISION SYSTEMS GMB (PHIG); BTS BROADCAST TELEVISION SYSTEMS (BTSB-N)

Inventor: KRELING B; MULLER K D; MUELLER K; MULLER K

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3932757	A	19910411	DE 3932757	A	19890930	199116 B
FR 2652699	A	19910405			199126	
GB 2239573	A	19910703	GB 9021100	A	19900928	199127
US 5140409	A	19920818	US 90581277	A	19900912	199236
GB 2239573	B	19940302	GB 9021100	A	19900928	199407
DE 3932757	C2	19980723	DE 3932757	A	19890930	199833

Priority Applications (No Type Date): DE 3932757 A 19890930

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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DE 3932757	A	5		
US 5140409	A	6	H04N-009/74	
GB 2239573	B	2	H04N-009/75	
DE 3932757	C2		H04N-009/75	

Chroma key signal derivation by chrominance selection...

...Abstract (Equivalent): effects of non-uniform lighting or shadow effects in the picture that contains a selected colour. The clip voltage is about half of the amplitude envelope signal...

...Title Terms: **CHROMINANCE** ;

International Patent Class (Main): **H04N-009/74** ...

... **H04N-009/75**

International Patent Class (Additional): **H04N-005/262** ...

... **H04N-005/27** ...

... **H04N-005/272** ...

... **H04N-005/275**

23/3,K/32 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 Thomson Derwent. All rts. reserv.

007363596

WPI Acc No: 1987-360602/198751

High-resolution multi-mode editing type colour hard copier - has A-D conversion signal chrominance extractor, binary or multi-valent coding processor and latent image developers NoAbstract Dwg 11/17

Patent Assignee: KONISHIROKU PHOTO IND CO LTD (KONS)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 62264766	A	19871117	JP 86110278	A	19860512	198751 B

Priority Applications (No Type Date): JP 86110278 A 19860512

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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JP 62264766	A	19		
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High-resolution multi-mode editing type colour hard copier...

**...has A-D conversion signal chrominance extractor, binary or
multi-valent coding processor and latent image developers NoAbstract Dwg
11/17**

...Title Terms: CHROMINANCE ;

...International Patent Class (Additional): H04N-001/46

23/3,K/33 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004409641

WPI Acc No: 1985-236519/198538

XRPX Acc No: N85-177153

**PAL and SECAM standard colour video signal editing - shifting by one
line when first line chrominance coding of series last is same as
second series first frame frame**

Patent Assignee: FILM TEKNIK AB (FILM-N); HJELM A (HJEL-I)

Inventor: HEINERMARK T

Number of Countries: 016 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8504066	A	19850912	WO 85SE100	A	19850305	198538 B
SE 8401297	A	19850909			198544	
AU 8540690	A	19851024			198549	
NO 8504443	A	19860106			198609	
EP 172905	A	19860305	EP 85901615	A	19850305	198610
JP 61501361	W	19860703			198633	
FI 8504370	A	19851106			198636	
DK 8505103	A	19851105			198639	
US 4766501	A	19880823	US 85803287	A	19850305	198836
AU 8814766	A	19880714			198842	
EP 172905	B	19881026			198843	
DE 3565920	G	19881201			198849	

Priority Applications (No Type Date): SE 841297 A 19840308

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8504066 A E 22

Designated States (National): AU DK FI JP NO US

Designated States (Regional): AT BE CH DE FR GB LU NL SE

EP 172905 A E

Designated States (Regional): CH DE FR GB LI NL

EP 172905 B E

Designated States (Regional): CH DE FR GB LI NL

PAL and SECAM standard colour video signal editing - ...

**...shifting by one line when first line chrominance coding of series last
is same as second series first frame frame**

**...Abstract (Basic): frame series. The first line in the first frame of the
second series has a chrominance coding opposite to that of the last**

line of the last frame of the first...
...When the first line of the first frame of the second series has the same **chrominance** coding as the first line of the last frame of the first series when recording...
...Abstract (Equivalent): A method in editing, so-called **cutting**, of **coloured** videograms, in which there is recorded on a video tape in a first tape machine...

...that the first line in the first frame of the second frame series has a **chrominance** coding opposite to the **chrominance** coding of the last line of second frame series has the same **chrominance** coding as the first line of the last frame of the first frame series when...
...Abstract (Equivalent): a first frame. A discontinuity between the first and second frames is detected when the **chrominance** coding of the adjacent recorded frames is found to be the same instead of on...

...consequences of a splice between groups of frames who do not have the required opposite **chrominance** coating on each side of the splice.
(9pp)
...Title Terms: **CHROMINANCE** ;
International Patent Class (Additional): **H04N-005/76** ...

... **H04N-009/79**

23/3,K/34 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 Thomson Derwent. All rts. reserv.

001748226

WPI Acc No: 1977-J4729Y/197741

Modulated flesh tone and tint correction circuitry - has three colour demodulator stages coupled to chrominance and reference oscillator signal sources

Patent Assignee: GTE SYLVANIA INC (SYLV)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4052735	A	19771004			197741	B

Priority Applications (No Type Date): US 75584939 A 19750609

... has three colour demodulator stages coupled to chrominance and reference oscillator signal sources

...Abstract (Basic): 2 of the first, second and third demodulator stages of a colour television receiver having **chrominance** and reference oscillator signal source. This provides a control signal in response to a shift...

...Flesh tone and other colour errors are therefore reduced with a minimum deleterious effect on other colours . The phase angle modulator device includes a phase shift and a uni-directional conduction device.

...Title Terms: **CHROMINANCE** ;
International Patent Class (Additional): **H04N-009/53**

?

PATENTS FULLTEXT

? show files;ds;save temp;logoff hold

File 348:EUROPEAN PATENTS 1978-2006/ 200620

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060518,UT=20060511

(c) 2006 WIPO/Univentio

Set	Items	Description
S1	400271	COLOR? OR COLOUR?? OR RGB OR RED()GREEN()BLUE
S2	2778	S1(3N)(CLIP OR CLIPPING OR CUTTING OR EDIT? OR DELET?)
S3	81	(AVOID? OR PREVENT? OR STOP???) ^(3N) (UNWANTED OR UNDESIREABLE) ^(3N) (ARTIFACT? OR DISCONTINUITIES)
S4	310593	SENSOR??
S5	87324	PIXEL?? OR PEL OR PICTURE()ELEMENT??
S6	8115	CHROMINANCE OR YUV OR LUMINENCE
S7	244	S4 ^(3N) MAXIMUM ^(3N) SENSITIVITY?
S8	11064	WHITE()CLIP OR ZERO()VALUE??
S9	93554	CAMERA??
S10	257	S1 ^(3N) VALUE?? ^(3N) (EXCEED? OR OVER OR HIGHER) ^(3N) (THRESHOLD?? OR S2 ^(3N) VALUE??)
S11	9	(CLIP OR CLIPPING) ^(5N) RECONSTRUCTION
S12	49	AU=(JASPERS, C? OR JASPERS C?)
S13	4	S12 AND S2
S14	4	S11 AND IC=H04N?
S15	3	S14 NOT S13
S16	6	S10(S)S6
S17	1	S16(S)S8
S18	5	S10(S)S4
S19	1	S18(S)S8
S20	0	S19 NOT (S13 OR S15)
S21	4	S18 NOT S13
S22	2	S21 NOT AD=20000629:20060524/PR
S23	0	S3(S)S2

13/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01331965 **Image available**

MAINTENANCE OF HUE IN A SATURATION-CONTROLLED COLOR IMAGE MAINTENANCE DE LA TEINTE DANS UNE IMAGE COLOREE A SATURATION CONTROLEE

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS NV, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

JASPERS Cornelis A M , c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL

, NL (Residence), NL (Nationality), (Designated only for: US

Legal Representative:

GRAVENDEEL Cornelis et al (agent), Prof. Holstlaan 6, NL-5656 AA
Eindhoven, NL

Patent and Priority Information (Country, Number, Date):

Patent: WO 200613488 A1 20060209 (WO 0613488)

Application: WO 2005IB52337 20050714 (PCT/WO IB2005052337)

Priority Application: EP 20041035858 20040727

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13369

Patent Applicant/Inventor:

JASPER S Cornelis A M ...

Fulltext Availability:

Detailed Description

Detailed Description

... of information and entertainment products. Such techniques are
implemented also in computer software for picture editing as most PC
color monitors meanwhile have the same color gamut and non-linear
transfer functions as a TV...

13/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01330765 **Image available**

**MAINTENANCE OF COLOR MAXIMUM VALUES IN A COLOR SATURATION
CONTROLLED COLOR
IMAGE**

**MAINTIEN DES VALEURS MAXIMALES DES COULEURS DANS UNE IMAGE COULEUR
A**

REGLAGE DE SATURATION

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS NV, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

JASPER S Cornelis A M , c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
NL (Residence), NL (Nationality), (Designated only for: US

Legal Representative:

**GRAVENDEEL Cornelis et al (agent), Prof. Holstlaan 6, NL-5656 AA
Eindhoven, NL**

Patent and Priority Information (Country, Number, Date):

Patent: WO 200611074 A1 20060202 (WO 0611074)

Application: WO 2005IB52277 20050708 (PCT/WO IB2005052277)

Priority Application: EP 20041034547 20040720

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13231

Patent Applicant/Inventor:

JASPERS Cornelis A M ...

Fulltext Availability:

Detailed Description

Detailed Description

... kinds of information and entertainment products. Such techniques are implemented in computer software for picture editing as most PC color monitors meanwhile have the same color gamut and non-linear transfer functions as a TV...

13/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01218872 **Image available**

**LUMINANCE CONTROL METHOD AND LUMINANCE CONTROL APPARATUS FOR
CONTROLLING A**

**LUMINANCE, COMPUTER PROGRAM AND A COMPUTING SYSTEM
PROCEDE ET APPAREIL DE REGLAGE DE LUMINANCE, PROGRAMME
INFORMATIQUE ET**

SYSTEME DE CALCUL

Patent Applicant/Assignee:

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Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

**JASPERS Cornelis A M , c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,
NL (Residence), NL (Nationality), (Designated only for: US**

Legal Representative:

GRAVENDEEL Cornelis (agent), Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200527531 A1 20050324 (WO 0527531)

Application: WO 2004IB51578 20040826 (PCT/WO IB04051578)

Priority Application: EP 2003103375 20030912

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17256

Patent Applicant/Inventor:

JASPERS Cornelis A M ...

Fulltext Availability:

Claims

Claim

... however be checked. Again referring to figure I it should further be mentioned not to **clip** the negative **RGB** signals to zero before the display matrix. This would cause irreparable color reproduction errors, while...

13/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00869564 **Image available**

COLOR IMAGE PICKUP DEVICE

DISPOSITIF DE PRISE DE VUES COULEUR

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200203711 A1 20020110 (WO 0203711)

Application: WO 2001EP7183 20010625 (PCT/WO EP0107183)

Priority Application: EP 2000202262 20000629

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English
Filing Language: English
Fulltext Word Count: 3725

Inventor(s):
JASPERS Cornelis A M ...

Fulltext Availability:
Claims

English Abstract

...an adjustment unit (10) for selectively setting the chrominance signals (U, V) to a zero color difference when clipping is performed (8). Advantageously, the clipping device (8) is arranged between the sensor (3) and...

Claim

... switch signal not only indicates that the chrominance signals are to be set to zero color difference, when clipping has occurred, but also can take the place of such color difference signals as a...

...the signals for a specific pixel can not result in higher values for a specific color signal than the clipping level, which could again result in undesirable artifacts, which is therefore effectively prevented. Another advantage...clipping device were placed before the reconstruction unit 5 in the signal path. By placing clipping devices after the RGB reconstruction by the reconstruction unit 5 for each of the color signal values R, G...an adjustment unit (10) for selectively setting the chrominance signals (U, V) to a zero color difference when clipping is

? ds

15/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01665106

VIDEO RELAY DEVICE, VIDEO DISTRIBUTION SYSTEM, VIDEO RELAY METHOD
VIDEORELAISEINRICHTUNG, VIDEOVERTEILEINRICHTUNG,
VIDEORELAISVERFAHREN
DISPOSITIF DE LIAISON VIDEO, SYSTEME DE DISTRIBUTION VIDEO ET PROCEDE DE
LIAISON VIDEO

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1492341 A1 041229 (Basic)
WO 2003084225 031009
APPLICATION (CC, No, Date): EP 2003715712 030401; WO 2003JP4186 030401
PRIORITY (CC, No, Date): JP 2002101545 020403
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS (V7): H04N-005/91 ; H04N-007/18
ABSTRACT WORD COUNT: 174
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count
CLAIMS A (English) 200453 1277
SPEC A (English) 200453 10836
Total word count - document A 12113
Total word count - document B 0
Total word count - documents A + B 12113

INTERNATIONAL PATENT CLASS (V7): H04N-005/91 ...
... H04N-007/18

...SPECIFICATION 1024 * 768 pixels, the image is extracted from a range including the area as a clipping range and reconstructed. The reconstruction here means that, for example, together with an instruction to switch the display mode of...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

00369497
Method and apparatus for carrying out a non-linear operation on a digital signal.

Verfahren und Vorrichtung zur Ausfuhrung einer nichtlinearen Operation an einem digitalen Signal.

Methode et appareil d'execution d'une operation non lineaire sur un signal numerique.

PATENT ASSIGNEE:

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INVENTOR:

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LEGAL REPRESENTATIVE:

Molyneaux, Martyn William et al (34013), c/o Ladas & Parry, Altheimer Eck 2, D-80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 360509 A2 900328 (Basic)

EP 360509 A3 910109

EP 360509 B1 940202

APPLICATION (CC, No, Date): EP 89309411 890915;
PRIORITY (CC, No, Date): US 245603 880919
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS (V7): H04N-005/14
ABSTRACT WORD COUNT: 87

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	324
CLAIMS B	(German)	EPBBF1	354
CLAIMS B	(French)	EPBBF1	376
SPEC B	(English)	EPBBF1	2724
Total word count - document A			0
Total word count - document B			3778
Total word count - documents A + B			3778

INTERNATIONAL PATENT CLASS (V7): H04N-005/14

...SPECIFICATION energy causes ringing in the band-limiting filters. In the digital domain, there is energy above the Nyquist frequency, which results in in-band alias frequencies.

In the digital domain, a second problem arises...

...represent the analog waveform that results when the digital signal is passed through an appropriate reconstruction filter. The clip and gain circuit has a linear region, which is represented by the shaded band in FIG...on the two lines are spaced apart along the time axis.

FIG. 5 shows a reconstruction of a digital wipe signal on five consecutive lines of a video field. The sample...

15/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00923019 **Image available**

VIDEO CODER WITH FINE GRANULAR SCALABILITY
PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE EXTENSIBILITE A GRAINS FINS

EN MODE PREDICITIF

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

MALLIE Michael J (agent), Blakely Sokoloff Taylor & Zafman, 12400
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200256599 A2-A3 20020718 (WO 0256599)
Application: WO 2002US527 20020107 (PCT/WO US0200527)
Priority Application: US 2001758647 20010110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5552

Main International Patent Class (v7): **H04N-007/26**

International Patent Class (v7): **H04N-007/50**

Fulltext Availability:

Detailed Description

Detailed Description

... frame 684 is received by the prediction mode after it has undergone the spatial-domain **reconstruction** and **clipping** 690, as previously described. As well, the current reconstructed base layer 682 is also received by the prediction mode after it has undergone the spatial-domain **reconstruction** and **clipping** 688. As a result of the clipping, the complexity of the encoder and decoder may...

...is received by the decoder prediction mode 778 after it has undergone the spatial-domain **reconstruction** and **clipping** 790, as previously described. As well, the decoded current reconstructed base layer 782 is also received by the prediction mode after it has undergone the spatial-domain **reconstruction** and **clipping** 788.

The methods, encoders, and decoders described above can be stored in the memory of...

?

17/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00869564 **Image available**

COLOR IMAGE PICKUP DEVICE

DISPOSITIF DE PRISE DE VUES COULEUR

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA
Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

JASPERS Cornelis A M, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL,

Legal Representative:

STEENBEEK Leonardus J (agent), Internationaal Octrooibureau B.V., Prof
Holstlaan 6, NL-5656 AA Eindhoven, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203711 A1 20020110 (WO 0203711)

Application: WO 2001EP7183 20010625 (PCT/WO EP0107183)

Priority Application: EP 2000202262 20000629

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 3725

Fulltext Availability:

Claims

Claim

... resulting image. In another preferred embodiment the clipping device is connected to a single bit **white clip** delay unit, which generates a switch signal comprising an at least 2x2 bit pixel array...

...In such an embodiment of the invention the switch signal not only indicates that the **chrominance** signals are to be set to zero color difference, when clipping has occurred, but also...

...if one of the color signal values exceeds the clipping level. Such a single bit **white clip** delay unit can comprise at least one bit delay unit and one bit row delay...

...color mask pattern. Further a delay adaptation circuit can be connected to the single bit **white clip** delay unit to synchronize the switch signal from the single bit **white clip** delay unit with the luminance and **chrominance** signals. As the luminance and **chrominance** signals are often derived in subsequent processing, after clipping has been effected, the delay adaptation 1 5 circuit insures insertion of the signals generated by the single bit **white clip** delay unit and the **chrominance** signals. Further the reconstruction unit can comprise a contour processor, which, in the reconstruction of a specific pixel, includes surrounding pixels and wherein the single bit **white clip** delay unit comprises an N x M single bit contour off generator. In this way reconstruction of the signals for a specific pixel can not result in **higher values** for a specific **color** signal than the **clipping level**, which could again result in undesirable artifacts, which is therefore effectively prevented. Another advantage is, that by extending the single bit **white clip** delay unit to provide the contour processor off signal undesired sharpening at the white clipped...

...to the present invention; and

Fig. 4 shows a schematic representation of a single bit **white clip** delay unit of 1 0 Fig. 3. In the different figures, the same or similar ...values for each pixel are output to a conversion unit 6 for generating luminance and **chrominance** signals (Y; U, V) from the color signal values for each pixel via circuit 7...

...values (R, G, B). The clipping devices detect whether or not each of the reconstructed **color signal values exceeds** a predetermined **threshold** or clip level, designated R_w, G_w, B_w in Fig. 1. If an arbitrary one of...

...has been lost. This phenomenon would result in artifacts in an image reconstructed with the **chrominance** and luminance signals (U, V; Y). In order to prevent such artifacts the clipping devices...

...OR circuit 9 outputs this switch signal to an adjustment unit IO, in which the **chrominance** signals (U, V) are switched to zero if and when any one of the color...

...and are thus prevented from causing artifacts I 0 in an image generated from the **chrominance** signals and luminance signal (U, V; Y). It is noted here, that the pre-processor...

...G, B. In order to prevent artifacts from occurring in an image generated from the **chrominance** and luminance signals (U, V; Y), resulting from discontinuities in the color signal. values R...

...pre-processed by the preprocessor 4, this switch signal SS is used in single bit white **clip** delay unit 1 1 to generate a 2x2 switch signal, which is sent to a...

...obtain a W switch signal SS2x2 to control the adjustment unit IO. The single bit white **clip** delay unit I 1 comprises a 1 bit delay I 1a, an adder 1 lb...

...into a 2x2 square of pulses that forms a two pixel wide, two row high white **clip** switch signal. A two by two array is sufficient to prevent white **clip** artifacts, because the smallest luminance signal of a sensor, such as a RGB Bayer sensor, is a two by two RG/GB array. Thus the single bit white **clip** delay unit I 1 ensures white **clip** over a 2x2 pixel array if at least one of the R, G or B pixel exceeds the white **clip** level. The delay in the delay adaptation circuit 12 corresponds with processing by the various...

...specific pixel, includes surrounding pixels. In order to disable this contour processor the single bit white **clip** delay unit 1 1 of Fig. 2 is replaced by a single bit white **clip** delay unit 14 that further comprises an N x M single bit contour processor off...

?

22/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00933089

APPARATUS AND METHOD FOR DETECTING SURFACE DEFECTS
VORRICHTUNG UND VERFAHREN ZUM FESTSTELLEN VON OBERFLACHENFEHLERN
DISPOSITIF ET PROCEDE SERVANT A DETECTER DES DEFAUTS DE SURFACE
PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 917649 A1 990526 (Basic)
EP 917649 B1 050119
WO 1998007023 980219

APPLICATION (CC, No, Date): EP 97935399 970808; WO 97CA563 970808

PRIORITY (CC, No, Date): US 689393 960812

DESIGNATED STATES: AT; DE; DK; ES; FI; FR; GB; IT; PT; SE

INTERNATIONAL PATENT CLASS (V7): G01N-021/89; G01N-033/46

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B	(English)	200503	1016
CLAIMS B	(German)	200503	1044
CLAIMS B	(French)	200503	1331
SPEC B	(English)	200503	8534

Total word count - document A 0

Total word count - document B 11925

Total word count - documents A + B 11925

...SPECIFICATION the pair of wavelengths. The computer applies the second specific condition that is satisfied whenever value of the color signal is higher than a predetermined color threshold value.

Turning now to Fig. 13, there is shown a plot of reflectivity ratio on the...

22/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00339832

Image processing apparatus.

Bildverarbeitungsgerat.

Appareil de traitement d'images.

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 335364 A2 891004 (Basic)

EP 335364 A3 910327

EP 335364 B1 931103

APPLICATION (CC, No, Date): EP 89105531 890329;
PRIORITY (CC, No, Date): JP 8877617 880329; JP 8897497 880420; JP 88119934
880517

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G03G-015/01; H04N-001/46;

ABSTRACT WORD COUNT: 64

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B (English) EPBBF1 647

CLAIMS B (German) EPBBF1 404

CLAIMS B (French) EPBBF1 591

SPEC B (English) EPBBF1 4660

Total word count - document A 0

Total word count - document B 6302

Total word count - documents A + B 6302

...SPECIFICATION than those of the storage area LoLm. If the reference original A(sub(O)) is placed in a positionally reversed manner, i.e., the original A(sub(O)) is placed so...

...even when the power of the copying apparatus is off.

The operation of a copy process in the copying apparatus in which the threshold density values have been thus preset will be described with reference to Fig. 7. When the copying apparatus is turned on, the apparatus is initialized and warmed up (step B21), and...

...areas Sum and Count are cleared to be initialized (step B25). The output of the sensor 6 is supplied to the CPU 11 through the A/D converter 14b to be sampled, and the sampled data from the sensor 6 is temporarily stored in the storage area Temp (step B26). The value stored in...step B28). When the value stored in the storage area Temp is between the threshold values stored in the storage areas HiLm and LoLm, it is added to the contents of the storage area Sum, and the contents of the storage area Count is incremented (step B29). Hereinafter, the area of the original from which...

...If it is judged in step B30 that the scanning unit has not yet moved over the original, the process returns to step B26 to repeat the above-mentioned procedures . Thus, only when the output of the sensor 6 is between the thick-side threshold value and the pale-side threshold value (namely, the image area has been scanned), this loop allows the output of the sensor 6 to be added to the contents of the storage area Sum.

When it is...

BUSINESS FULLTEXT

File 9:Business & Industry(R) Jul/1994-2006/May 23

(c) 2006 The Gale Group

File 15:ABI/Inform(R) 1971-2006/May 24

(c) 2006 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2006/May 24

(c) 2006 The Gale Group

File 20:Dialog Global Reporter 1997-2006/May 24

(c) 2006 Dialog
File 47:Gale Group Magazine DB(TM) 1959-2006/May 24
(c) 2006 The Gale group
File 75:TGG Management Contents(R) 86-2006/May W2
(c) 2006 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1982-2006/May 23
(c) 2006 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2006/May 17
(c) 2006 The Gale Group
File 98:General Sci Abs 1984-2005/Jan
(c) 2006 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2006/Feb
(c) 2006 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2006/May 24
(c)2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2006/May 23
(c) 2006 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2006/May 23
(c) 2006 Dialog
File 484:Periodical Abs Plustext 1986-2006/May W3
(c) 2006 ProQuest
File 553:Wilson Bus. Abs. 1982-2006/May
(c) 2006 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2006/May 23
(c) 2006 The Gale Group
File 608:KR/T Bus.News. 1992-2006/May 24
(c)2006 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2006/May 23
(c) 2006 Economist Intelligence Unit
File 613:PR Newswire 1999-2006/May 24
(c) 2006 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 24
(c) 2006 The Gale Group
File 623:Business Week 1985-2006/May 24
(c) 2006 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2006/May 24
(c) 2006 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2006/May 23
(c) 2006 San Jose Mercury News
File 635:Business Dateline(R) 1985-2006/May 24
(c) 2006 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2006/May 23
(c) 2006 The Gale Group
File 647:CMP Computer Fulltext 1988-2006/Jun W3
(c) 2006 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2006/May 23
(c) 2006 Dialog
File 674:Computer News Fulltext 1989-2006/May W3
(c) 2006 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc
File 587:Jane's Defense&Aerospace 2006/May W3
(c) 2006 Jane's Information Group

Set Items Description
S1 4548075 COLOR? OR COLOUR?? OR RGB OR RED()GREEN()BLUE
S2 34550 S1(3N)(CLIP OR CLIPPING OR CUTTING OR EDIT? OR DELET?)
S3 18 (AVOID? OR PREVENT? OR STOP???(3N)(UNWANTED OR UNDESIREABLE)(3N)(ARTIFACT? OR DISCONTINUITIES)
S4 728105 SENSOR??
S5 194746 PIXEL?? OR PEL OR PICTURE()ELEMENT??
S6 5751 CHROMINANCE OR YUV OR LUMINENCE
S7 51 S4(3N)MAXIMUM(3N)SENSITIVITY?
S8 4911 WHITE()CLIP OR ZERO()VALUE??
S9 1288015 CAMERA??
S10 18 S1(3N)VALUE??(3N)(EXCEED? OR OVER OR HIGHER)(3N)(THRESHOLD-
?? OR S2(3N)VALUE??)
S11 57 (CLIP OR CLIPPING)(5N)RECONSTRUCTION
S12 4 AU=(JASPERS, C? OR JASPERS C?)
S13 0 S12 AND S2
S14 0 S3(S)S9
S15 0 S11(S)S5
S16 7 S11 NOT PY=>2001
S17 7 RD S16 (unique items)
S18 2 S17 NOT (SPEECH OR CHARLOTTE OR BANK OR LOANS OR ALIENS)
S19 1 S18 NOT JOBLESS
S20 36 (S3 OR S10)
S21 20 S20 NOT PY=>2001
S22 17 RD S21 (unique items)
S23 0 S5(S)S6(S)S7(S)S8
S24 0 S6(S)S7(S)S8
S25 496 S9(S)S6:S8
S26 476 S9(S)S6
S27 0 S26(S)S7
S28 0 S26(S)S8
S29 4 S26(S)S2
S30 1 RD S29 (unique items)
S31 1 S30 NOT (S12 OR S16 OR S22)

19/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

01711636 SUPPLIER NUMBER: 16256043 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Windows video: I want my DTV! (includes related article on how digital
video works and example systems) (Cover Story)**

Johnson, Cliff; Ozer, Jan; Dennis, Kathryn; Wilson, Brian
Windows Sources, v2, n12, p54(6)
Dec, 1994

DOCUMENT TYPE: Cover Story ISSN: 1065-9641 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 668 LINE COUNT: 00050

... clips appear in the final production. Any change in video content
forces a complete linear reconstruction of the clip , and each

successive generation of tape degrades the quality of the video.

True DTV

Not...

?

22/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00815784 94-65176

CPI image editor adds color management, boosts scanning

Knibbe, Willem

InfoWorld v16n4 PP: 28 Jan 24, 1994

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 327

...TEXT: in the number of features and filters and in depth of tools.

Professional Pack offers **higher end color control**, such as **color separation** and **color combination**, and allows **editing** in either **RGB** or **Hue, Saturation, Value (HSV)** modes, while Power Pack uses HSV mode only.

Filters available only in the Professional...

22/3,K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00704279 93-53500

Front end

Tolhurst, Bill

Printed Circuit Design v10n4 PP: 42-47 Apr 1993

ISSN: 1047-5567 JRNL CODE: PCC

WORD COUNT: 1506

...TEXT: reflection amplitude to 10% (hence impedance mismatch to 20%), you will generally be able to **avoid unwanted discontinuities**.

So are there "wanted" **discontinuities** in a signal path? Unfortunately, there are. The most common "willfully induced" discontinuity is caused...

22/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00654536 93-03757

LanExec 2.0: Affordable SNMP Monitoring Tools

Carleton, Mary

InfoWorld v14n50 PP: 83-84 Dec 14, 1992

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 1595

...TEXT: not connected. The map does not give any sign, such as a **flashing** or specially **colored icon**, if a node **exceeds its threshold values**.

The program also lacks any provision for printing captured screens or the event log. Because...

22/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00630795 92-45735

Image Creation and Editing

Marshall, Patrick; Green, Doug; Green, Denise
InfoWorld v14n32 PP: 51-66 Aug 10, 1992
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 12546

...TEXT: solution. Score: Good.

Fractal Design has lowered ColorStudio's price to \$795. The accurate control over output color , combined with the many effects, open architecture, and file editing tools, make ColorStudio a fine value if you have the necessary hardware to make optimum use of its many features. If...

22/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00579931 91-54278

Drawing on the Best from Top Performers
Green, Doug; Green, Denise
InfoWorld v13n43 PP: 85-90 Oct 28, 1991
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 5461

...TEXT: take the place of high-end paint, draw, and image-processing software. The accurate control over output color combined with the many effects, open architecture, and file- editing tools make ColorStudio a fine value , if you have the necessary hardware to make optimum use of its many features. We...

22/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

04941272 Supplier Number: 47262703 (USE FORMAT 7 FOR FULLTEXT)
THE EFFECT OF FLOW-INDUCED CHARGING ON LIQUIDS FLOWING IN MICROGRAVITY

CONDITIONS

Innovator's Digest, v97, n7, pN/A

April 1, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter, Trade

Word Count: 167

... to surface tension force, called the Hula Number, should be less than 0.5 to prevent artifact or unwanted fluid motion.

(Order this INNOVATOR'S DIGEST reviewed report from InfoTeam Inc., P.O. Box...

22/3,K/7 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2006 The Gale Group. All rts. reserv.

03516143 SUPPLIER NUMBER: 16486031

Reefs from space: satellite imagery, marine ecology, and ethnography in the Dominican Republic.

Stoffle, Richard W.; Halmo, David B.; Wagner, Thomas W.; Luczkovich, Joseph J.

Human Ecology: An Interdisciplinary Journal, v22, n3, p355(24)

Sept, 1994

ISSN: 0300-7839 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 7881 LINE COUNT: 00645

... The other types showed the locations of only a certain type of change that had exceeded a threshold value (vector-change image). Bright colors are assigned to pixels that experience degrees of radiation changes that are deemed to be...

22/3,K/8 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2006 The Gale Group. All rts. reserv.

07163689 SUPPLIER NUMBER: 15033756 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CPI image editor adds color management, boosts scanning. (CPI Inc.'s Image-In 3.2) (Brief Article) (Product Announcement)

Knibbe, Willem

InfoWorld, v16, n4, p28(1)

Jan 24, 1994

DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 355 LINE COUNT: 00027

... in the number of features and filters and in depth of tools.

Professional Pack offers higher end color control, such as color separation and color combination, and allows editing in either RGB or Hue, Saturation, Value (HSV) modes, while Power Pack uses HSV mode only.

Filters available only in the Professional...

22/3,K/9 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2006 The Gale Group. All rts. reserv.

06450241 SUPPLIER NUMBER: 13787183 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Caravelle NetWorks expands view to SNMP: update also monitors IPX and

DECnet. (Brief Article) (Product Announcement)

Heymann, Leonard

MacWEEK, v7, n18, p28(1)

May 3, 1993

DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 353 LINE COUNT: 00028

... SNMP, IPX and DECnet protocols, can graphically display network traffic data for individual devices and color -code values that exceed thresholds.

22/3,K/10 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06196924 SUPPLIER NUMBER: 12677249 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Fractal ColorStudio version 1.5. (Fractal Design Corp.) (Software Review)
(Sixth of Six Reviews of High-End Image Processing Software Applications)
(Evaluation)

Marshall, Patrick; Green, Doug; Green, Denise; Kaliczak, Anne

InfoWorld, v14, n32, p57(4)

August 10, 1992

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1600 LINE COUNT: 00124

... Score: Good.

VALUE

Fractal Design has lowered ColorStudio's price to \$795. The accurate control over output color , combined with the many effects, open architecture, and file editing tools, make ColorStudio a fine value if you have the necessary hardware to make optimum use of its many features. If...

22/3,K/11 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06182590 SUPPLIER NUMBER: 13035973 (USE FORMAT 7 OR 9 FOR FULL TEXT)

LanExec 2.0: affordable SNMP monitoring tools; trade-off is lack of customizable thresholds. (ADI Systems Corp.'s network management software) (Software Review) (Evaluation)

Carleton, Mary

InfoWorld, v14, n50, p83(2)

Dec 14, 1992

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1875 LINE COUNT: 00155

... not connected. The map does not give any sign, such as a flashing or specially colored icon, if a node exceeds its threshold values .

The program also lacks any provision for printing captured screens or the event log. Because...

22/3,K/12 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

03672211 SUPPLIER NUMBER: 06863265 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Super VHS. (new video tape format)

MacNicol, Gregory
Computer Graphics World, v11, n7, p145(5)
July, 1988

ISSN: 0271-4159 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2702 LINE COUNT: 00206

... the chrominance and luminance signals. Because they are processed separately in parallel, many of the **unwanted artifacts** such as "crosstalk" are **avoided**.

The S-VHS does not produce a true component video signal because the format does...

22/3,K/13 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

01613036 SUPPLIER NUMBER: 14191183 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The meter widget. (FOCUS: MOTIF) (Technical)

Gessling, Jim
Digital Systems Journal, v15, n4, p9(5)
July-August, 1993
DOCUMENT TYPE: Technical ISSN: 1067-7224 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3553 LINE COUNT: 00268

... the widget during execution to suit its needs. For example, a Meter might change its **color** from black to red if a **threshold value** for the needle is **exceeded**. Or the label might be changed to accommodate a change in the values being displayed...

22/3,K/14 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext
(c) 2006 ProQuest. All rts. reserv.

04371112 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Increased blood glucose and insulin, body size, and incident colorectal cancer

Schoen, Robert E; Tangen, Catherine M; Kuller, Lewis H; Burke, Gregory L;
et al

Journal of the National Cancer Institute (JNCI), v91 n13, p1147-1154, p.8
Jul 7, 1999

ISSN: 0027-8874 JOURNAL CODE: JNCI

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 6006

TEXT:

... 95% CI = 1.0-1.5; P = .04]). Analysis of fasting insulin levels suggested a **threshold effect**, with **values** above the median associated

with colorectal cancer (RR = 1.6; 95% CI = 1.12-4; P = .02). Higher levels of waist circumference were also statistically significantly associated with colorectal cancer (RR = 1.9...)

22/3,K/15 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2006 McGraw-Hill Co. Inc. All rts. reserv.

0156194

R & D Work in Low Observables Shifts Emphasis From Coatings to Structures
Aviation Week & Space Technology, Vol. 131, No. 12, Pg 109

September 18, 1989

JOURNAL CODE: AW

SECTION HEADING: Electronic Warfare -- Part 2 ISSN: 0005-2175

WORD COUNT: 1,799

TEXT:

... HP is often made with a built-in taper that gradually changes the material thickness, **avoiding RAM discontinuities** that can trigger **unwanted** reflections. The taper allows energy to be absorbed gradually along its path of travel, where...

22/3,K/16 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2006 The Gale Group. All rts. reserv.

01493368 Supplier Number: 42090142 (USE FORMAT 7 FOR FULLTEXT)

SUNNET MANAGER SLOWLY RISES ON CARGO COMPANY'S NETWORK

Network Management Systems & Strategies, v3, n10, pN/A

May 20, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1058

... managed object every five minutes, store the raw data, and signal the manager that the **value** has **exceeded** a predefined **threshold** by changing the **color** of an appropriate icon and sending an electronic mail message to the help desk.

EXTRA...

22/3,K/17 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2006 CMP Media, LLC. All rts. reserv.

00530328 CMP ACCESSION NUMBER: EET19931101S0611

Datel's A/D converter targets imaging

ELECTRONIC ENGINEERING TIMES, 1993, n 770, P26

PUBLICATION DATE: 931101

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Analog ICs & Power

WORD COUNT: 183

The ADS-CCD1201 has a maximum differential non-linearity of 1/4 LSB to avoid unwanted artifacts in digitized images. Noise comes in at 1/8 LSB (300 aV).

The device also...

?

31/3,K/1 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2006 The Gale group. All rts. reserv.

07135413 SUPPLIER NUMBER: 135341457 (USE FORMAT 7 OR 9 FOR FULL TEXT
)

Aeon Re-Flux.

Millimeter, 8, 33, NA

August 1, 2005

ISSN: 0164-9655 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 554 LINE COUNT: 00046

... the original camera negative. He suggested that Chrominance perform scene-by-scene color correction, re-editing, and additional visual effects creation, all in uncompressed HD, for the original 10 episodes of

...

?